FIG. 1

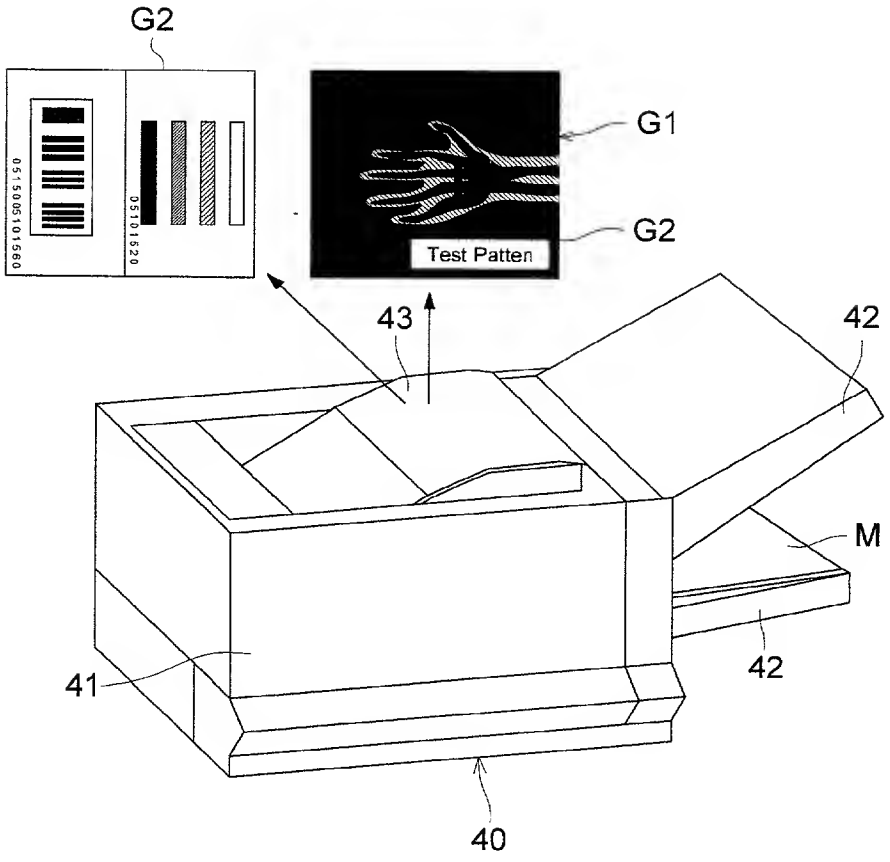


FIG. 2

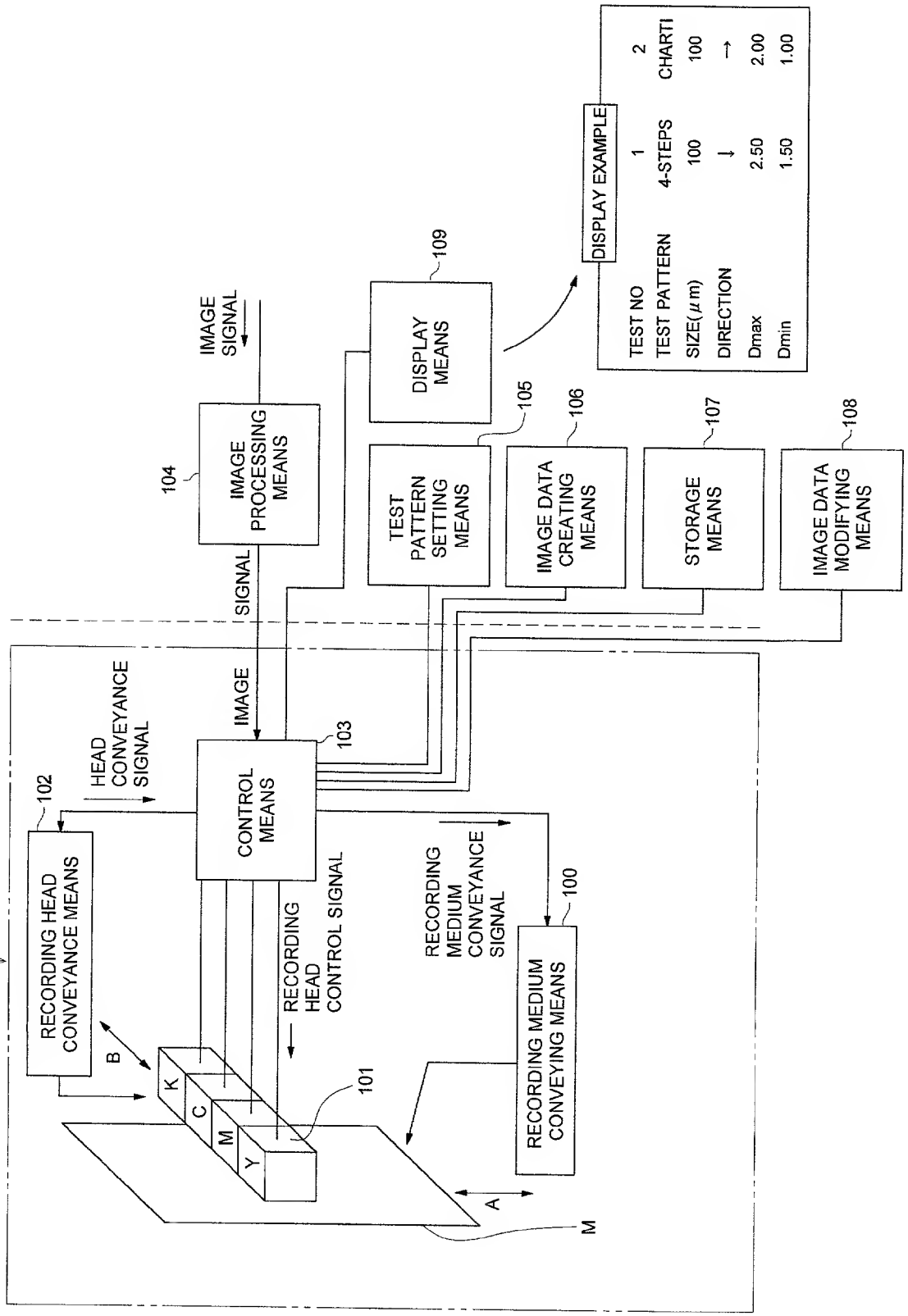

40
RECORDING HEAD CONVEYANCE MEANS
102
HEAD CONVEYANCE SIGNAL
CONTROL MEANS
103
IMAGE
IMAGE SIGNAL
IMAGE PROCESSING MEANS
104
SIGNAL
DISPLAY MEANS
109
DISPLAY EXAMPLE
TEST NO 1 2
TEST PATTERN 4-STEPS CHARTI
SIZE(μm) 100 100
DIRECTION ↓ →
Dmax 2.50 2.00
Dmin 1.50 1.00
TEST PATTERN SETTING MEANS
105
IMAGE DATA CREATING MEANS
106
STORAGE MEANS
107
IMAGE DATA MODIFYING MEANS
108
RECORDING HEAD CONTROL SIGNAL
RECORDING MEDIUM CONVEYANCE SIGNAL
RECORDING MEDIUM CONVEYING MEANS
100
101
B
K
C
M
Y
A
M

FIG. 3 (a)

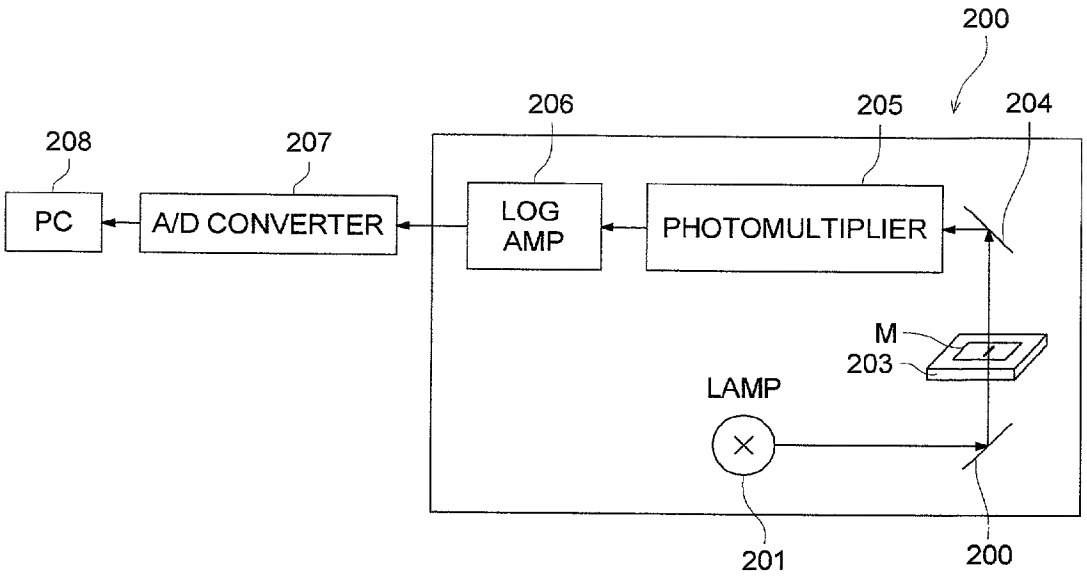

200
206
205
204
208
207
PC
A/D CONVERTER
LOG AMP
PHOTOMULTIPLIER
M
203
LAMP
201
200

FIG. 3 (b)

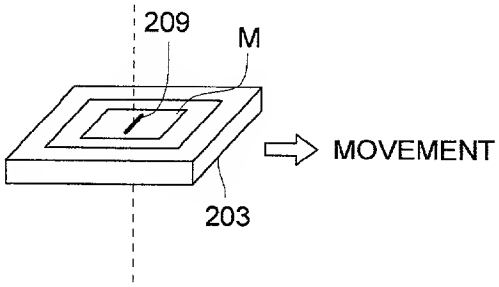

209
M
MOVEMENT
203

FIG. 4 (a)

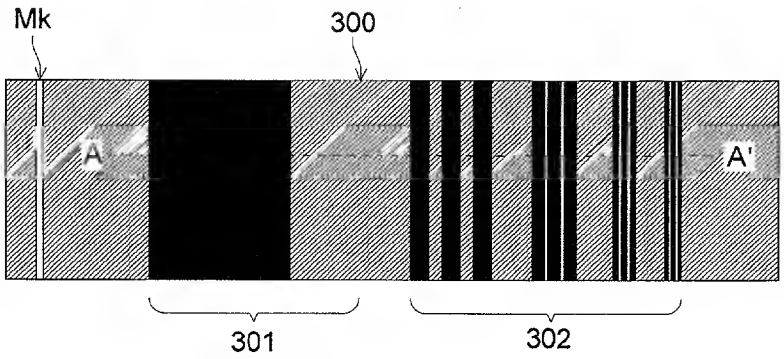

Mk
300
A
A'
301
302

FIG. 4 (b)

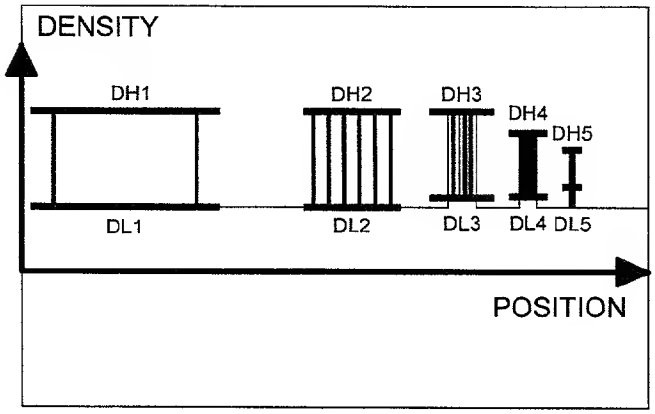

DENSITY
DH1
DH2
DH3
DH4
DH5
DL1
DL2
DL3
DL4
DL5
POSITION

FIG. 5 (a)

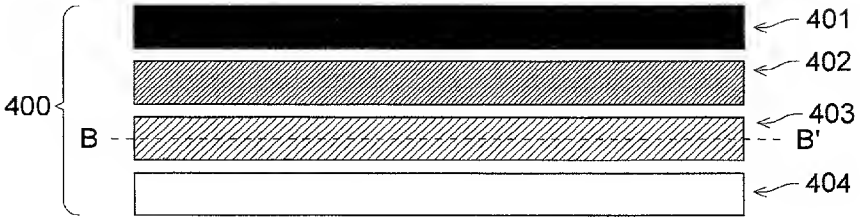


FIG. 5 (b)

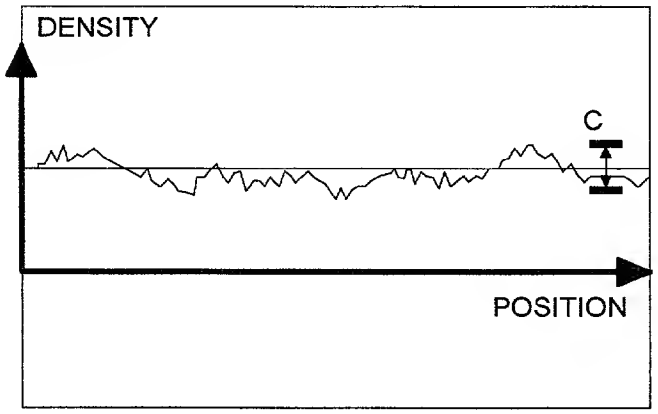
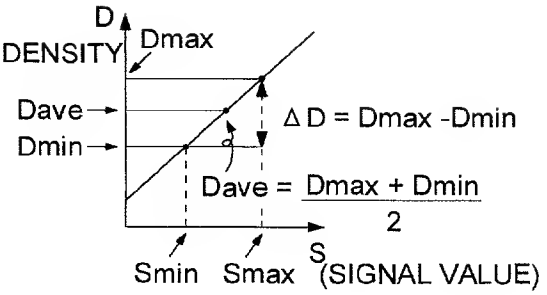


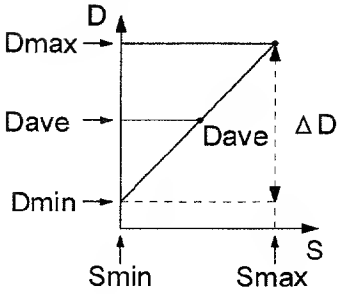
FIG. 6 (a)



[IMAGE]

D = 1.2 1.6 2.0

FIG. 6 (b)



D = 0.2 1.6 3.0

DENSITY SETTING METHOD

EXAMPLE 1 Dmax , Dmin
EXAMPLE 2 Dave , ΔD (or ΔD/2)

FIG. 6 (c)

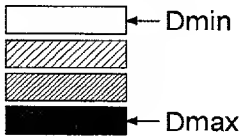


FIG. 6 (d)

FIG. 6 (e)

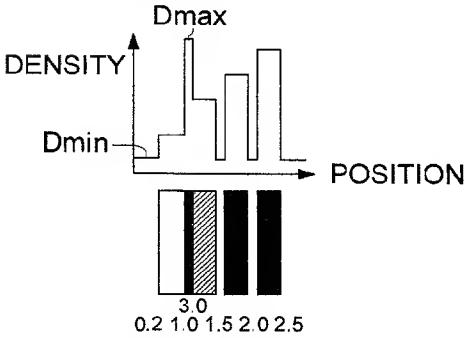


FIG. 6 (f)

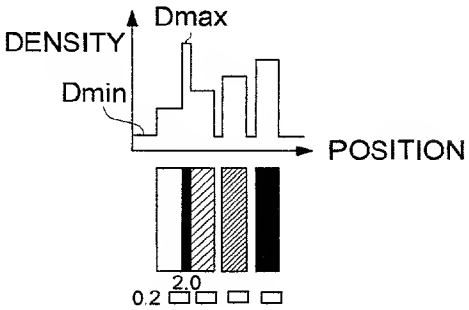


FIG. 6 (g)

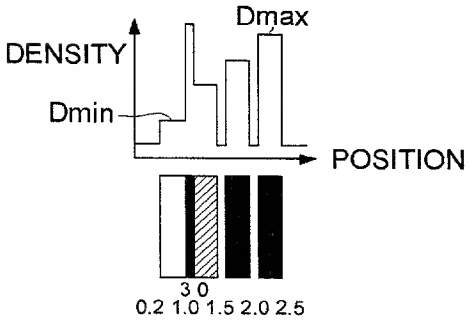
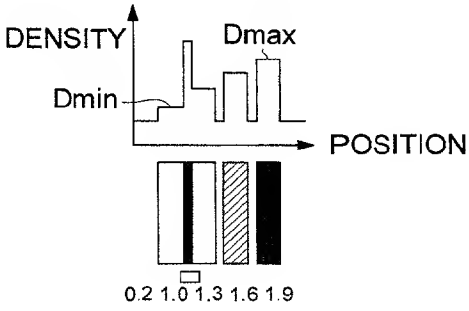


FIG. 6 (h)



※ ▭ DENSITY UNKNOWN BEFORE MEASUREMENT

FIG. 7 (a)

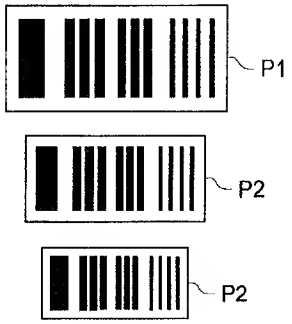


FIG. 7 (b)

DENSITY max	DENSITY min	PIXEL SIZE (μm) 40	80	100	120
1.5	0.5				
2.0	1.0		○		
2.5	1.5				
3.0	2.0				

FIG. 7 (c)

No	EVALUATION	Dmax	Dmin	PIXEL SIZE
1	GRANULARITY	2.0	1.0	80
2	SHARPNESS	2.0	1.0	80
3	HUMAN BODY	2.0	1.0	80
⋮				

FIG. 7 (d)

(MINIMUM RECORDING UNIT 40 μm)

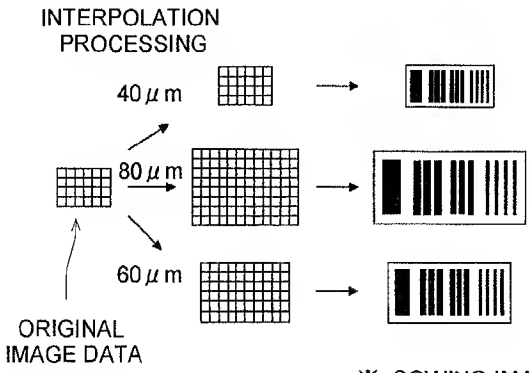
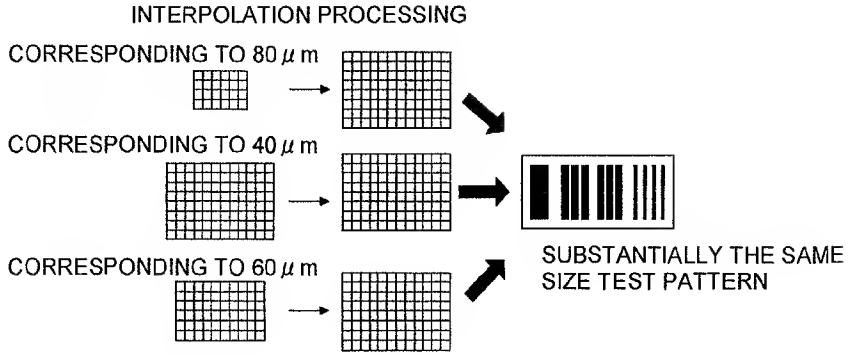


FIG. 7 (e)

(MINIMUM RECORDING UNIT 40 μm)



※ SOWING IMAGE DATA SIZE (1 MEASURE = 1 PIXEL)

SUBSTITUTE SHEET (RULE 26)

FIG. 8 (a)

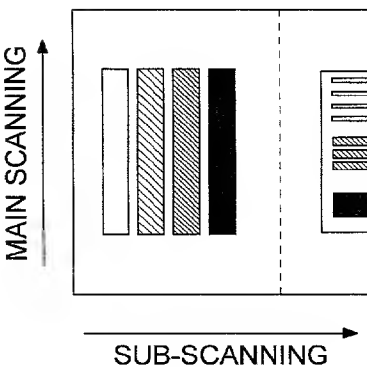


FIG. 8 (b)

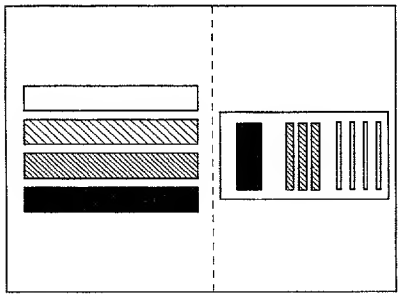


FIG. 8 (c)

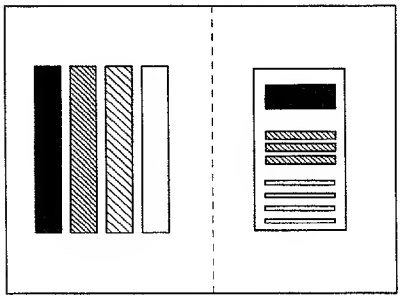


FIG. 9 (a) FIG. 9 (b) FIG. 9 (c)

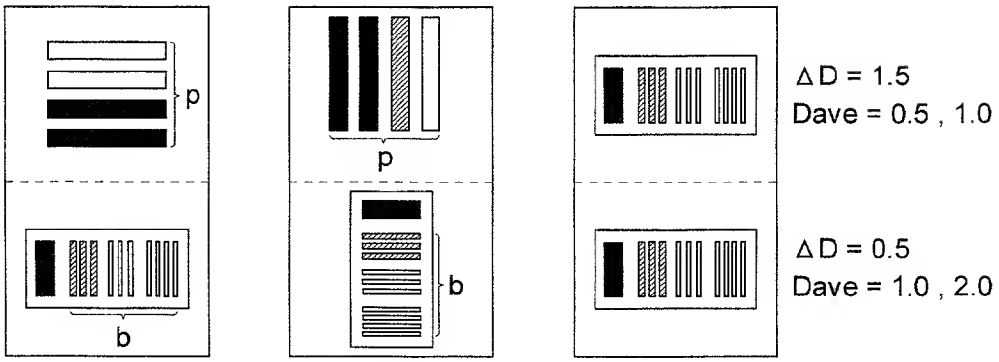


FIG. 9 (d) FIG. 9 (e)

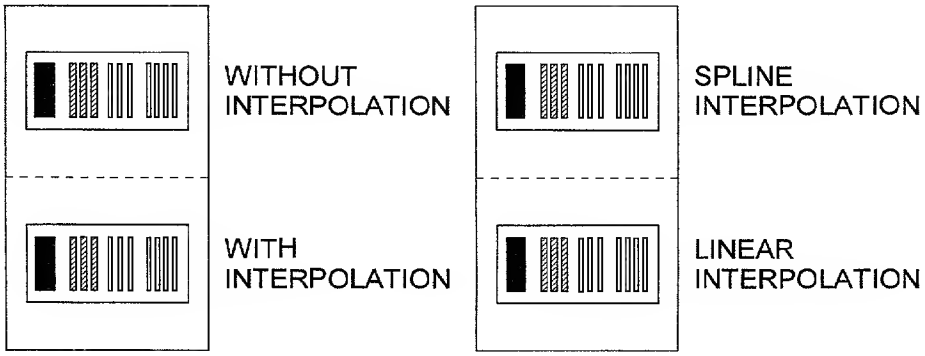
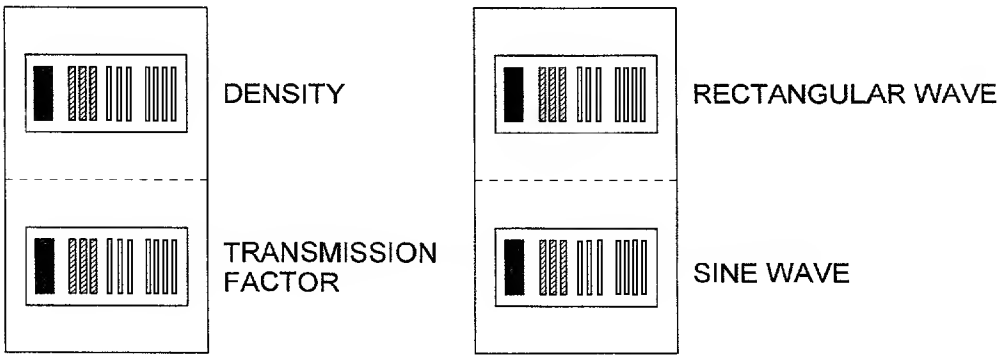



FIG. 9 (f) FIG. 9 (g)